



# US 101 / Manuel T. Freitas Parkway Interchange Project

**Air Quality Conformity Task Force Meeting on January 27, 2022**

**MTC Bay Area Metro Center, 375 Beale Street, Suite 800, San Francisco, CA 94105**

**CALIFORNIA DEPARTMENT OF TRANSPORTATION, DISTRICT 4**

**111 Grand Avenue, Oakland, CA 94612**

SONOMA  
COUNTY

# PROJECT LOCATION

PM 3.78  
START

SR 37



Caltrans D4, GIS Branch  
Office of System & Regional Planning



# PRIMARY LAND USE IN MARIN COUNTY



Surrounding land use is mostly residential and commercial establishments.

- Hillside Resource Residential
- Hillside Residential
- Low Density Residential
- Medium Density Residential
- High Density Residential
- Community Commercial Mixed Use
- Office Mixed Use
- Public/Quasi-Public
- Light Industrial/Office
- Parks, Recreation, and Open Space
- Water

Source: City of San Rafael General Plan Land Use Element

# BACKGROUND

- ▶ The Project Report (PR) for the project was approved on June 2019 which included upgrading pedestrian facilities at the US 101/MFP interchange.
- ▶ Subsequent to the PR approval, additional study and consultation with Golden Gate Transit and the City of San Rafael resulted in modifying the interchange to a roundabout and moving the NB bus stop onto the frontage road.
- ▶ The project is currently listed in the Group TIP (VAR170009).
- ▶ This project is processed under NEPA as a non-categorical Exclusion Section 326, and NEPA document is a CE.

# PURPOSE AND NEED

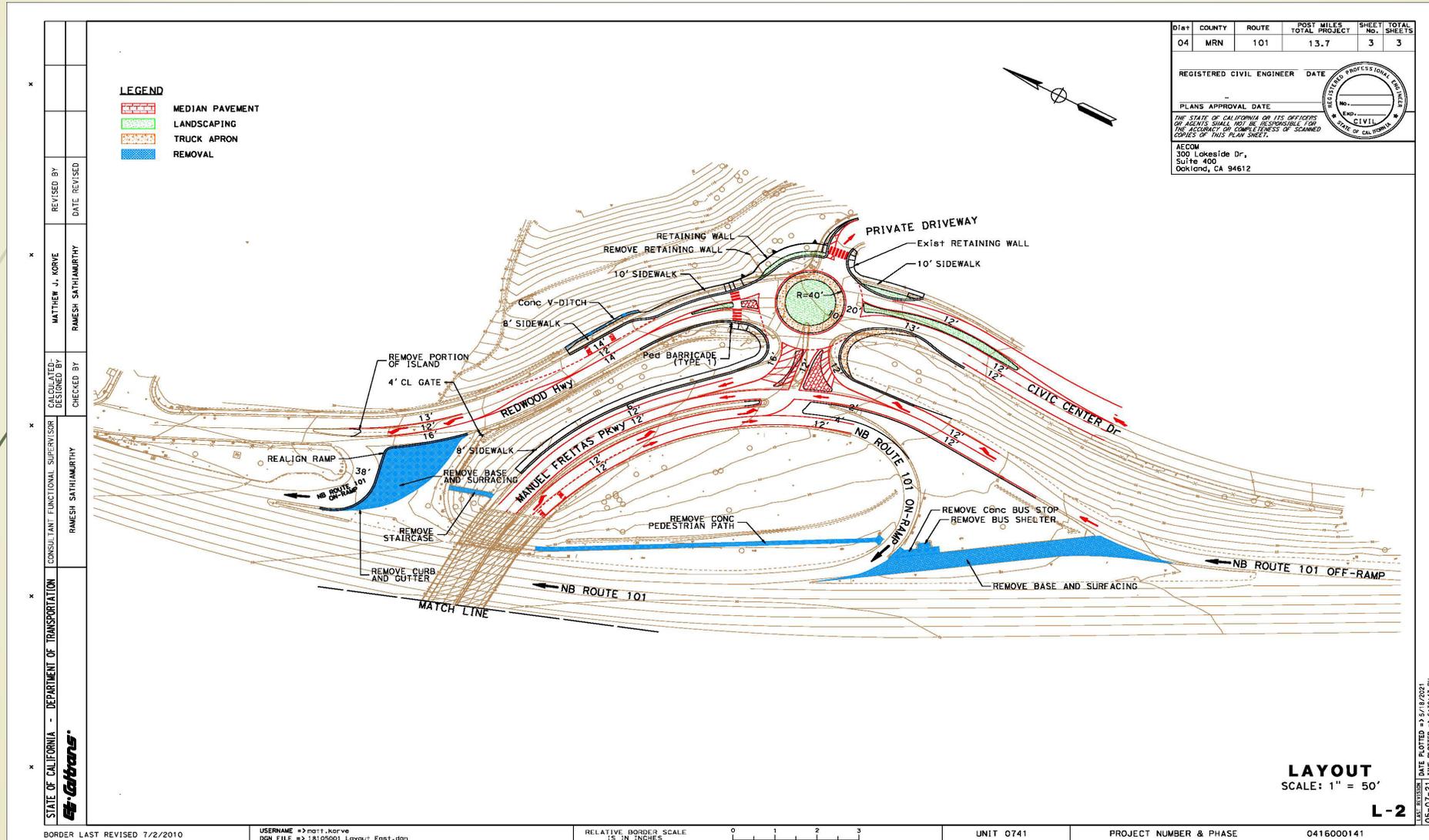
**Purpose:** The purpose of the project is to upgrade pedestrian facilities to comply with current ADA standards, in accordance with DIB 82-05.

**Need:** The pedestrian facilities at the US 101/Manuel T Freitas Parkway Interchange contain features that restrict pedestrian access for persons with disabilities and need improvement to bring the facilities into conformance with current ADA standards. In addition, the NB transit bus stop will be moved to a safer location out of State R/W where patrons do not have to cross the NB loop on-ramp.

# PROJECT DESCRIPTION

- ▶ The main design features of the Build Alternative are as follows:
  - ❖ Modify Redwood Hwy/Civic Center Dr and MFP intersection, which adjoins the east side of the interchange from a partial, stop-controlled intersection to a one lane roundabout.
  - ❖ Relocate the northbound (NB) bus stop from within interchange footprint and State R/W, to the adjoining frontage road (NB Redwood Hwy) just north of the proposed roundabout in a dedicated bus pullout.
  - ❖ To provide distance for buses to transition from the new bus stop to the NB slip on-ramp, the NB Lt Turn pocket from Redwood Hwy to the NB slip on-ramp will be moved north approximately 100' from its current location. The opening to the NB slip on-ramp will be modified to have a single opening to account for the shift and eliminate the short merge on the ramp.
  - ❖ Reconstruct sidewalks and pedestrian paths to correct abrupt level changes.
  - ❖ Widen spot locations along pedestrian path to SB bus stop to provide 5 feet by 5 feet passing spaces at 200 feet intervals.
  - ❖ Retrofit or construct new curb ramps.
  - ❖ Relocate signs and upgrade push buttons.
  - ❖ Reconstruct a portion of a median island on MFP to install a pedestrian passageway.

# PROPOSED BUILD ALTERNATIVE



# SUMMARY OF FORECASTED AADT

Roadway Segment	Existing Year (2019)			Opening Year Build/No-Build (2024)			Design Year Build/No-Build (2044)			Proposed RTP Build/No-Build (2050*)		
	AADT	TRUCKS		AADT	TRUCKS		AADT	TRUCKS		AADT	TRUCKS	
		%	#		%	#		%	#		%	#
US 101	189,000	4.4%	8,316	195,268	4.4%	8,592	223,204	4.4%	9,821	234,230	4.4%	10,306
Manuel T Freitas Pkwy	8,710	4.4%	383	8,935	4.4%	393	9,858	4.4%	434	10,226	4.4%	450
Redwood Hwy	10,750	4.4%	473	11,025	4.4%	485	14,138	4.4%	622	12,627	4.4%	556
US 101 N Off Ramp	12,490	4.4%	550	12,815	4.4%	564	14,666	4.4%	645	14,666	4.4%	645
Civic Center Drive	10,300	4.4%	453	10,550	4.4%	464	11,550	4.4%	508	11,950	4.4%	526

\*Years 2050 is shown for information.



# PROJECT SCHEDULE

Current Programming Dates	Preliminary Engineering/ Environmental	Engineering	Right of Way	Construction
<b>Start</b>	March 2018	June 2019	June 2019	February 2023
<b>End</b>	June 2019	June 2022	June 2022	March 2024

# CONCLUSIONS

- ▶ The US 101/Manuel T Freitas Parkway Interchange Project would upgrade pedestrian facilities to comply with current American with Disability Act (ADA) standards.
- ▶ The project does not increase capacity or percentage of trucks in the area.
- ▶ The project does not increase number of diesel vehicles that congregate at a single location.
- ▶ This project should not be considered a project of air quality concern and, therefore, a PM2.5 hot-spot analysis for project-level conformity determination is not required.

## QUESTIONS?